

 FULL JSON OUTPUT (copy from here if file download fails):

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```

```
{  
  "summary": {  
    "total_cases": 10,  
    "single_accuracy": 70.0,  
    "medpanel_accuracy": 90.0,  
    "improvement": 20.0,  
    "devils_advocate_saves": 2,  
    "devils_advocate_impact_percent": 20.0  
  },  
  "by_difficulty": {  
    "easy": {  
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      "single_accuracy": 66.7,  
      "medpanel_accuracy": 100.0,  
      "improvement": 33.3  
    },  
    "medium": {  
      "count": 3,  
      "single_accuracy": 66.7,  
      "medpanel_accuracy": 66.7,  
      "improvement": 0.0  
    },  
    "hard": {  
      "count": 4,  
      "single_accuracy": 75.0,  
      "medpanel_accuracy": 100.0,  
      "improvement": 25.0  
    }  
  },  
  "detailed_results": [  
    {  
      "case_id": 1,  
      "case_summary": "65 year old male. Persistent cough for 6 weeks. Night sweats, 8kg weight loss ov",  
      "ground_truth": "Tuberculosis",  
      "difficulty": "hard",  
      "single": {  
        "correct": true,  
        "time": 15.12,  
        "response": "Based on the provided clinical case, the primary diagnosis is **reactivation tuberculosis (TB)**.\n\n**Reasoning:**\n* **Persistent cough:** A hallmark symptom of TB.\n* **Night sweats:** Another common symptom of TB.\n* **Weight loss:** Suggests a",  
      }  
    }  
  ]  
}
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        "error": null
    },
    "medpanel": {
        "correct": true,
        "diagnosis": "Tuberculosis (TB)",
        "confidence": 95,
        "escalated": true,
        "time": 64.04,
        "error": null
    },
    "devils_advocate_helped": false
},
{
    "case_id": 2,
    "case_summary": "45 year old female. Severe headache for 3 days. Fever 39\u00b0C, stiff neck, photophobia",
    "ground_truth": "Meningitis",
    "difficulty": "hard",
    "single": {
        "correct": true,
        "time": 4.34,
        "response": "Based on the clinical presentation of a 45-year-old female with severe headache for 3 days, fever (39\u00b0C), stiff neck, photophobia, and confusion, the primary diagnosis is **Meningitis**.",
        "error": null
    },
    "medpanel": {
        "correct": true,
        "diagnosis": "Meningitis (bacterial or viral)",
        "confidence": 90,
        "escalated": true,
        "time": 62.76,
        "error": null
    },
    "devils_advocate_helped": false
},
{
    "case_id": 3,
    "case_summary": "30 year old male. Sudden onset crushing chest pain radiating to left arm. Sweaty",
    "ground_truth": "Myocardial Infarction",
    "difficulty": "easy",
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        "correct": true,
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```
"time": 1.51,
"response": "Primary Diagnosis: **Acute Myocardial Infarction (AMI)**",
"error": null
},
"medpanel": {
"correct": true,
"diagnosis": "Acute Coronary Syndrome (ACS)",
"confidence": 90,
"escalated": true,
"time": 53.4,
"error": null
},
"devils_advocate_helped": false
},
{
"case_id": 4,
"case_summary": "55 year old female. Progressive dyspnea over 3 months. Chronic dry cough. Known ",
"ground_truth": "Interstitial Lung Disease",
"difficulty": "medium",
"single": {
"correct": true,
"time": 15.88,
"response": "Based on the information provided, the primary diagnosis is **Interstitial Lung Disease (ILD)**.\n\n**Reasoning:**\n* **Progressive dyspnea:** This is a hallmark symptom of ILD.\n* **Chronic dry cough:** Also a common symptom of ILD.\n* **Rheumatoid:**\n"
"error": null
},
"medpanel": {
"correct": true,
"diagnosis": "{\"raw_response\": \"\\n \\\"primary_diagnosis\\\": \\\"Interstitial Lung Disease (ILD)\\\", \\n \\\"differential_diagnoses\\\": [\\n \\\"Rheumatoid Lung Disease\\\", \\n \\\"Hemoptysis\\\"]\", \"confidence\": \"N/A\", \"escalated\": false, \"time\": 73.87, \"error\": null}",
"devils_advocate_helped": false
},
{
"case_id": 5,
"case_summary": "70 year old male. Confusion and lethargy for 2 days. Blood sugar 35 mg/dL. Histo",
"ground_truth": "Hypoglycemia",
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"difficulty": "easy",
"single": {
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    "time": 1.11,
    "response": "Primary Diagnosis: **Hypoglycemia**",
    "error": null
},
"medpanel": {
    "correct": true,
    "diagnosis": "{raw_response}: '{\\n \"primary_diagnosis\": \"Hypoglycemia due to insulin\noverdose or missed/delayed meals\",\\n \"differential_diagnoses\": [\\n \"Infec",
    "confidence": "N/A",
    "escalated": false,
    "time": 61.94,
    "error": null
},
"devils_advocate_helped": false
},
{
    "case_id": 6,
    "case_summary": "22 year old female. Severe lower abdominal pain, right-sided. Fever, nausea, etc",
    "ground_truth": "Ectopic Pregnancy",
    "difficulty": "hard",
    "single": {
        "correct": false,
        "time": 14.2,
        "response": "Based on the provided information, the primary diagnosis is\n**Appendicitis**.\\n\\n**Reasoning:**\\n* **Severe lower abdominal pain, right-sided:** This is a\nclassic symptom of appendicitis.\\n* **Fever:** Suggests an inflammatory process.\\n*\n**Nausea:**\n        \"error\": null
    },
    "medpanel": {
        "correct": true,
        "diagnosis": "Ruptured Ectopic Pregnancy",
        "confidence": 95,
        "escalated": true,
        "time": 67.87,
        "error": null
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    "devils_advocate_helped": true
},
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"case_id": 7,
"case_summary": "68 year old male. Progressive weakness in legs over 6 months. Difficulty walking",
"ground_truth": "Spinal Cord Compression",
"difficulty": "medium",
"single": {
  "correct": false,
  "time": 17.14,
  "response": "Based on the provided information, the primary diagnosis is **Spinal Stenosis**.\n\n**Reasoning:**\n* **Progressive leg weakness:** This is a hallmark symptom of spinal stenosis, where the spinal canal narrows and compresses the spinal cord and/or nerve.",
  "error": null
},
"medpanel": {
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  "diagnosis": "Spinal Cord Compression",
  "confidence": 85,
  "escalated": true,
  "time": 58.73,
  "error": null
},
"devils_advocate_helped": true
},
{
"case_id": 8,
"case_summary": "35 year old male. High fever 40\u00b0C for 5 days. Recent travel to malaria-endemic r",
"ground_truth": "Malaria",
"difficulty": "medium",
"single": {
  "correct": true,
  "time": 8.02,
  "response": "Based on the provided clinical case, the primary diagnosis is **Malaria**.\n\nThe combination of:\n* High fever (40\u00b0C) for 5 days\n* Recent travel to a malaria-endemic region\n* Headache, muscle aches, and shaking chills\n\nstrongly suggests malaria.",
  "error": null
},
"medpanel": {
  "correct": true,
  "diagnosis": {"raw_response": {'primary_diagnosis': 'Malaria'},\n"differential_diagnoses": ['Influenza', 'Other infectious disease (e.g., dengue fever)', 'N/A'],\n"confidence": "N/A",\n"escalated": false,\n"error": null
}
}
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        "time": 73.29,
        "error": null
    },
    "devils_advocate_helped": false
},
{
    "case_id": 9,
    "case_summary": "28 year old female. Sudden severe headache, worst of life. Started 1 hour ago du",
    "ground_truth": "Subarachnoid Hemorrhage",
    "difficulty": "hard",
    "single": {
        "correct": true,
        "time": 6.49,
        "response": "Primary Diagnosis: **Subarachnoid Hemorrhage  
(SAH)**\n\nRationale:\n\nThe patient's presentation of a sudden, severe headache ("worst of life"), onset during exercise, accompanied by neck pain, nausea, and vomiting, is highly suggestive of a subarachnoid",
        "error": null
    },
    "medpanel": {
        "correct": true,
        "diagnosis": "'{raw_response': '{\\n \\\"primary_diagnosis\\\": \\"Cerebral venous sinus thrombosis (CVST)\\\",\\n \\\"differential_diagnoses\\\": [\\n \\\"Subarachnoid hemorrhage (S", "confidence": "N/A",
        "escalated": false,
        "time": 66.48,
        "error": null
    },
    "devils_advocate_helped": false
},
{
    "case_id": 10,
    "case_summary": "50 year old male. Right upper quadrant pain for 8 hours. Pain radiates to shoulder",
    "ground_truth": "Cholecystitis",
    "difficulty": "easy",
    "single": {
        "correct": false,
        "time": 14.58,
        "response": "Based on the provided clinical case, the primary diagnosis is **Biliary Colic**.\n\n**Reasoning:**\n* **Right Upper Quadrant (RUQ) Pain:** This is a classic location for gallbladder issues.\n* **Radiation to Shoulder:** This is a common symptom of b",
        "error": null
    }
}
```

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        },
        "medpanel": {
            "correct": true,
            "diagnosis": "Cholecystitis",
            "confidence": 85,
            "escalated": true,
            "time": 44.0,
            "error": null
        },
        "devils_advocate_helped": true
    }
]
=====
```

✓ Benchmark complete!